

CHANGES TO THE SUBSTITUTE SPECIFICATION

I. Amend the paragraph at page 28, line 16 through page 29, line 9:

Figure 4 is a block diagram of an embodiment of a control system for incorporation into a mass system in accordance with Figure 3. It shows one preferred embodiment of the control system identified by the reference number 64 in Figure 3. The control system 64 includes a first to third part 64₁ to 64₃. The first part 64₁ has a first regulator 80, a frequency generator 81, a second regulator 82, an electronics component 83, an addition stage 84 and a multiplier 85. The operation of the first part corresponds essentially to that of the electronics module 2 of Figure 1 and will therefore not be described once again. The second part 64₂ has a first regulator 90, a first modulator 91, a second regulator 92, a second modulator 93 and a third regulator 94. A first and a second addition stage 95, 96 are also provided. A rotation rate signal Ω can be determined at the output of the first regulator 90, and an assembled signal comprising the compensation of the quadrature bias B_{Q1} and an acceleration A can be determined at the output of the third regulator 94.

II. Amend the paragraph at page 29, lines 10 through 23:

The third part 64₃ of the control system 64 has a first regulator 100, a first modulator 101, a second regulator 102, a second modulator 103 and a third regulator 104. A first and a second addition stage 105, 106 are also provided. A rotation rate signal Ω with negative mathematical sign can be tapped off at the output of the first regulator 100 and an assembled signal comprising the compensation of the quadrature bias B_{Q2} with negative mathematical sign and an acceleration signal A can be tapped off at the output of the third regulator 104. The method of operation of the second and of the third parts 64₂ and 64₃ corresponds to that of the electronics module 2 illustrated in Figure 2, and will therefore not be explained again.